

AMENDMENTS TO THE CLAIMS

Please amend the Claims as shown below.

1. (Original) A communications system comprising:

a communications lighting apparatus having a first light source unit which emits illumination light and a second light source unit which transmits information in the form of an optical signal; and

a mobile terminal device which receives the optical signal emitted by the second light source.
2. (Currently amended) The ~~A~~-communications system according to claim 1, wherein the second light source unit has an emission band in the near-infrared band, the intermediate far-infrared band or a longer wavelength band.
3. (Currently amended) The ~~A~~-communications system according to claim 1, wherein the second light source unit has at least two light sources which intermittently emit light beams of the same wavelength, which are independent of each other.
4. (Currently amended) The ~~A~~-communications system according to claim 1, wherein the second light source unit has at least two light sources which intermittently emit light beams of different wavelengths, which are independent of each other.

5. (Currently amended) The ~~A~~-communications system according to claim 1, further comprising a third light source unit which emits a visible light beam indicating a region in which the optical signal emitted from the second light source unit can be received.
6. (Currently amended) The ~~A~~-communications system according to claim 1, wherein the first light source unit intermittently emits an optical signal in a predetermined pattern.
7. (Currently amended) The ~~A~~-communications system according to claim 1, wherein the mobile terminal device has optical-signal display means for displaying the contents of the optical signal received.
8. (Original) A communications lighting apparatus comprising:
a first light source unit which emits illumination light; and
a second light source unit which transmits information in the form of an optical signal.
9. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, which can be replaced by an existing lighting apparatus.
10. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, wherein the second light source unit has an emission band in the near-infrared band, the intermediate far-infrared band or a longer wavelength band.

11. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, wherein the second light source unit has at least two light sources which intermittently emit light beams of the same wavelength, which are independent of each other.
12. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, wherein the second light source unit has at least two light sources which intermittently emit light beams of different wavelengths, which are independent of each other.
13. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, wherein the second light source unit has an end-plane emission semiconductor laser used as a light source.
14. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, wherein the second light source unit has a vertical-plane emission semiconductor laser used as a light source.
15. (Currently amended) The ~~A~~-communications lighting apparatus according to claim 8, wherein the second light source unit has a quantum-cascade semiconductor laser used as a light source.

16. (Currently amended) ~~The~~ A-communications lighting apparatus according to claim 8, wherein the second light source unit is a combination of an end-plane emission semiconductor laser, a vertical-plane emission semiconductor laser, and a quantum-cascade semiconductor layer.
17. (Currently amended) ~~The~~ A-communications lighting apparatus according to claim 8, further comprising a third light source unit which emits a visible light beam indicating a region in which the optical signal emitted from the second light source unit can be received.
18. (Currently amended) ~~The~~ A-communications lighting apparatus according to claim 8, further comprising a removable recording medium, which stores information to be transmitted in the form of an optical signal, and reading means for reading the information stored in the recording medium.
19. (Currently amended) ~~The~~ A-communications lighting apparatus according to claim 8, further comprising an information input section for receiving from an external apparatus the information to be transmitted in the form of an optical signal; and recording means for recording the information received by the information input section.
20. (Currently amended) ~~A-~~~~The~~ communications lighting apparatus according to claim 8, wherein the first light source unit intermittently emits an optical signal in a predetermined pattern.